

Converting Colors

$Yxy(49.6622, 0.3263, 0.3225)$

Have a look what the booklet for
Yxy(49.6622, 0.3263, 0.3225)
contains.

Yxy(49.7403, 0.3267, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.7403, 0.3267, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	CBB6BB
RGB	203, 182, 187
RGB Percent	80%, 71%, 73%
CMY	0.2040, 0.2862, 0.2666
CMYK	0.00, 0.10, 0.08, 0.20
HSL	346°, 17%, 75%
HSV	346°, 10%, 80%
XYZ	50.3257, 49.7403, 53.9765
YIQ	188.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

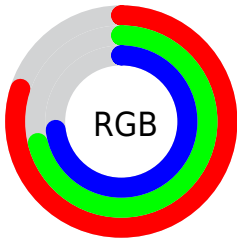
Format	Color
R _Y B	203, 182, 187
Decimal	13350587
CIE Lab	75.91, 8.34, 0.18
CIE LCh	76, 8.342, 1.222
Yxy	49.7403, 0.3267, 0.3229
Android (android.graphics.Color)	4291540667 (0xFFCBB6BB)
YUV	188.8490, -0.9116, 12.4104
Hunter-Lab	70.5268, 3.9500, 3.9922

Details

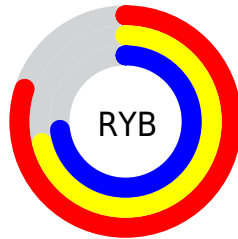
The Yxy color **49.7403, 0.3267, 0.3229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7276, 0.3004, 0.3352**, and the grayscale version is **50.7999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8801, 0.3209, 0.3242**, and **23.8113, 0.3308, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **41.3953, 0.3434, 0.3166**, and if you desaturate by 10%, it is **59.3659, 0.3131, 0.3288**.

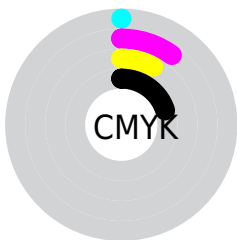
Distribution



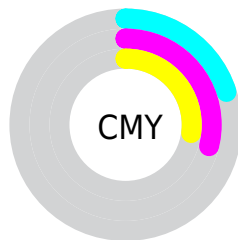
- Red (80%)
- Green (71%)
- Blue (73%)



- Red (80%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7403, 0.3267, 0.3229 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 49.7403, 0.3267, 0.3229 by changing the saturation by 10% instead.


 49.7403, 0.3267,
0.3229

 49.7403, 0.3267,
0.3229


385.6495, 0.3198,
0.3259

 35.2071, 0.3284,
0.3221


 89.7900, 0.3242,
0.3240

 23.8224, 0.3306,
0.3212


116.0752, 0.3233,
0.3244

 15.2020, 0.3335,
0.3199


147.0466, 0.3225,
0.3248

 8.9613, 0.3375,
0.3182

183.0886, 0.3218,
0.3251

 4.7159, 0.3434,
0.3155

224.5854, 0.3212,
0.3253

 2.0816, 0.3530,
0.3113

271.9216, 0.3207,

 0.6542, 0.3787,

0.3256

0.3002

325.4815, 0.3202,
0.3258

0.0000, 0.0000,
0.0000

49.7403, 0.3267,
0.3229

49.7403, 0.3267,
0.3229

41.3953, 0.3434,
0.3166

59.3659, 0.3131,
0.3288

34.2706, 0.3640,
0.3101

70.3162, 0.3021,
0.3343

28.3106, 0.3890,
0.3037

82.6413, 0.2931,
0.3393

23.4529, 0.4190,
0.2980

91.0415, 0.2853,
0.3354

19.6293, 0.4538,
0.2936

91.4347, 0.2821,
0.3289

■ 16.7639, 0.4922,
0.2917

■ 14.7702, 0.5317,
0.2932

■ 13.5460, 0.5684,
0.2987

■ 12.9129, 0.5978,
0.3067

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.7403, 0.3160, 0.3147



49.7403, 0.3267, 0.3229



49.7403, 0.3337, 0.3328

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.7403, 0.3267, 0.3229



49.7403, 0.3207, 0.3487



49.7403, 0.2909, 0.3156

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.7403, 0.3267, 0.3229



56.7276, 0.3004, 0.3352

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.7403, 0.2922, 0.3246



49.7403, 0.3267, 0.3229



49.7403, 0.3092, 0.3440

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.7403, 0.3267, 0.3229



49.7403, 0.3302, 0.3478



49.7403, 0.2988, 0.3351



49.7403, 0.2954, 0.3104

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.7403, 0.3267, 0.3229



49.7403, 0.3352, 0.3391



49.7403, 0.2988, 0.3351



49.7403, 0.2907, 0.3183

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.7425, 0.3267, 0.3229



94.8466, 0.3165, 0.3273



49.7407, 0.3095, 0.3035



20.0137, 0.3176, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.7425, 0.3267, 0.3229



80.5970, 0.3295, 0.3218



51.7201, 0.3301, 0.3355



11.2569, 0.3253, 0.3235



8.2309, 0.5944, 0.3048



0.4369, 0.5375, 0.2735

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.7425, 0.3267, 0.3229



80.5970, 0.3295, 0.3218



54.5276, 0.2969, 0.3224



11.2569, 0.3253, 0.3235



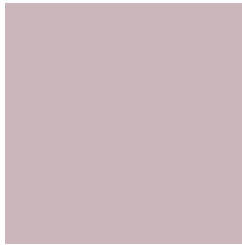
8.2309, 0.5944, 0.3048



0.4369, 0.5375, 0.2735

Previews

White Background



This preview shows how the Yxy color 49.7403, 0.3267, 0.3229 looks on a white background.

Color Contrast Check

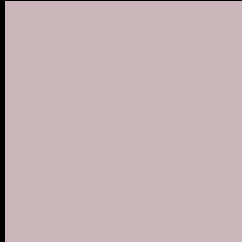
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 49.7403, 0.3267, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

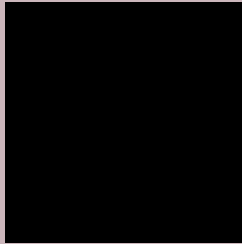
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7403, 0.3267, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 49.7403, 0.3267, 0.3229.



This preview shows how white text looks on a background with the Yxy color 49.7403, 0.3267, 0.3229.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.7403, 0.3267, 0.3229

Protanopia

49.7391, 0.3137, 0.3252

Deuteranopia

49.6147, 0.3286, 0.3217



Tritanopia

49.8252, 0.3212, 0.3121

Trichromacy



Original Color

49.7403, 0.3267, 0.3229

Protanomaly

49.9309, 0.3188, 0.3253

Deuteranomaly

49.4730, 0.3277, 0.3217

Tritanomaly

49.6909, 0.3236, 0.3157

Monochromacy



Original Color

49.7403, 0.3267, 0.3229

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.2180, 0.3179, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7403, 0.3267, 0.3229 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(203, 182, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 182, 187) }
```

Border

The CSS property to change the border of an element to Yxy 49.7403, 0.3267, 0.3229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 182, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 182, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(203, 182,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7403, 0.3267, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 182, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
182, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor